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DERWENT-ACC-NO: 1999-076400

DERWENT-WEEK: 200008

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TITLE: Material for medical treatment comprises new peptide - used for covering injuries, promoting adhesion of bio-tissues, bone reinforcing and nerve regeneration

PATENT-ASSIGNEE:

ASSIGNEE

CODE

KURARAY CO LTD

KURS

PRIORITY-DATA: 1997JP-0140885 (May 15, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 10316581 A</u>	December 2, 1998		014	A61K038/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 10316581A	May 15, 1997	1997JP-0140885	

INT-CL (IPC): A61 K 38/00; A61 L 15/44; A61 L 17/00; A61 L 27/00; C07 K 7/06; C07 K 7/08

ABSTRACTED-PUB-NO: JP 10316581A

BASIC-ABSTRACT:

Material for medical treatment comprises one or more peptides of the formula XADEGJLMProQY (I), or their salts, immobilised on a substrate: X = H, CH₃CO or CH₃COLys; A = Ser or Thr; D = Ile, Val or Leu; E = Lys or Arg; G = Ile, Val or Leu; J = Gly or Ala; L = Ile, Val or Leu; M = Gly or Ala; Q = Gly, Ala or Gly-Lys-Lys-Gly; Y = OH or NH₂ or one of 7 peptides of 6-23 amino acids (given in specification) or their salts.

Also claimed are: (1) (I); (2) one of 7 peptides of from 9-12 amino acids or salts; and (3) an agent for cell growth promotion and/or cell adhesion promotion containing the above peptide or its salt as the active component.

USE - The peptide and its salt can be used for covering injuries, promoting adhesion of biotissues, bone reinforcing and nerve regeneration.

EXAMPLE - The peptide of the formula: Ac-Lys-Ser-Ile-Arg-Val-Ala-Val-Ala-P- ro-Gly was synthesised using HMP resin and Fmoc-amino acids, then deprotecting the protective groups of the peptide. It was purified by a Deltapack C18 column. The purified peptide had a M.W. of 1039.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MATERIAL MEDICAL TREAT COMPRISE NEW PEPTIDE COVER INJURY PROMOTE ADHESIVE BIO TISSUE BONE REINFORCED NERVE REGENERATE

DERWENT-CLASS: B04 P34

CPI-CODES: B04-C01; B14-J01; B14-N01; B14-N17B;

CHEMICAL-CODES:

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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